

Amendments to the Claims:

Please cancel claims 2-13, 17 and 18 without prejudice or disclaimer. Please add new claims 37-48, and amend claims 1, 14, 19, 21, 29-32, and 34 as set forth in the below listing of the claims. This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A system of dental appliances comprising:
a plurality of dental appliances wherein at least some of the plurality include a non-numeric indicia designating an order in which each of the at least some of the plurality are to be worn by a patient to provide dental treatment, each of the plurality of dental appliances comprising a polymeric shell having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement, and each of the polymeric shells having at least one terminal tooth cavity, wherein the indicia comprises a terminal tooth cavity of differing length in each of the polymeric shells.

2-13. (Canceled)

14. (Currently Amended) A system of packaged dental appliances comprising:

a plurality of packages each containing a dental appliance having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement, wherein the plurality of packages are joined in a continuous chain designating an order in which each of the dental appliances are to be worn by a patient to provide dental treatment, and wherein the plurality comprises a non-numerical indicia on a package at an end of the chain indicating a dental appliance to be worn first.

15. (Original) A system as in claim 14, wherein the packages are each joined by a perforation wherein the packages can be separated by breaking the perforation.

16. (Original) A system as in claim 14, wherein the packages are joined by a heat seal.

17-18. (Canceled)

19. (Currently Amended) A system of dental appliances comprising:
a plurality of dental appliances to be worn by a patient to provide dental treatment, each of the plurality of dental appliances having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement; and
a framework, wherein each of the plurality of dental appliances are removably attached to a portion of the framework; and
a non-numeric indicia designating an order in which each of the plurality of dental appliances are to be worn by a patient to provide dental treatment.

20. (Original) A system as in claim 19, wherein each of the plurality of dental appliances comprise a polymeric shell having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement.

21. (Currently Amended) A system as in claim 19, further comprising
wherein the indicia comprises at least one marking on the framework or an appliance indicating the order in which the appliances are to be worn by a patient.

22. - 26. (Canceled)

27. (Original) A package of dental appliances comprising:
a package including a plurality of dental appliances positioned in an arrangement within the package which indicates an order of usage.

28. (Original) A package as in claim 27, wherein each of the appliances comprises a polymeric shell having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement, the plurality of appliances including a first

shell to be worn by the patient to reposition the teeth from the one arrangement to the successive arrangement and a second shell to be worn by the patient to reposition the teeth from the successive arrangement to another successive arrangement.

29. (Currently Amended) A package as in claim 27 28, wherein the arrangement of appliances within the package comprises stacking of the appliances in an order of usage.

30. (Currently Amended) A system of packages for dental appliances, comprising:

a plurality of packages, each package of the plurality configured for housing at least one dental appliance, each of the dental appliances having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement, wherein each package includes a label having a non-numeric indicia indicating the order of usage of the corresponding dental appliance.

31. (Currently Amended) A system as in claim 30, wherein the label includes a series of numbers and the non-numeric indicia comprises a marking on one of the numbers, wherein the marking indicates order of usage of the corresponding dental appliance.

32. (Currently Amended) A system as in claim 30, wherein the label includes a series of numbers and the non-numeric indicia comprises a removal of one of the numbers, wherein the removal indicates order of usage of the corresponding dental appliance.

33. (Original) A system as in claim 32, wherein the removal of one of the numbers comprises a holepunch.

34. (Currently Amended) A system as in claim 30, wherein the a non-numeric indicia comprises at least one shape, wherein the shape indicates order of usage of the corresponding dental appliance.

35. (Original) A system as in claim 34, wherein the at least one shape comprises at least one stripe.

36. (Original) A system as in claim 35, wherein the at least one stripe comprises a series of stripes forming a barcode.

37. (New) A system of dental appliances comprising:

a plurality of dental appliances wherein at least some of the plurality include a non-numeric indicia designating an order in which each of the at least some of the plurality are to be worn by a patient to provide dental treatment, each of the plurality of dental appliances comprising a polymeric shell having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement, and each of the polymeric shells having a height, wherein the indicia comprises a different height in each of the polymeric shells.

38. (New) A system of dental appliances comprising:

a plurality of dental appliances wherein at least some of the plurality include a non-numeric indicia designating an order in which each of the at least some of the plurality are to be worn by a patient to provide dental treatment, each of the plurality of dental appliances comprising a polymeric shell having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement, wherein the indicia comprises one or more cutouts so that each polymeric shell has a different cutout pattern.

39. (New) A system as in claim 38, wherein the cutout comprises a notch in an edge of the appliance.

40. (New) A system of dental appliances comprising:

a plurality of dental appliances wherein at least some of the plurality include a non-numeric indicia designating an order in which each of the at least some of the plurality are to be worn by a patient to provide dental treatment, each of the plurality of dental appliances comprising a polymeric shell having cavities shaped to receive and resiliently reposition teeth

from one arrangement to a successive arrangement, wherein the indicia comprises a computer readable element.

41. (New) A system as in claim 40, wherein the computer readable element comprises a barcode.

42. (New) A system as in claim 40, wherein the computer readable element is readable by wireless means.

43. (New) A system as in claim 42, wherein the wireless means utilizes radiofrequency.

44. (New) A system of dental appliances comprising:
a plurality of dental appliances comprising color indicia designating an order in which each of the plurality are to be worn by a patient to provide dental treatment, each of the plurality of dental appliances having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement, wherein the color indicia comprises a dissolvable dye.

45. (New) The system of claim 44, wherein the dye dissolves following removal of an appliance from a package and contact with air.

46. (New) The system of claim 44, wherein the dye dissolves following contact with a liquid.

47. (New) A system of dental appliances comprising:
a plurality of dental appliances comprising color indicia designating an order in which each of the plurality are to be worn by a patient to provide dental treatment, each of the plurality of dental appliances having cavities shaped to receive and resiliently reposition teeth from one arrangement to a successive arrangement, wherein the color indicia comprises a peel-away wrapper removably attached to an appliance.

48. (New) The system of claim 19, wherein the indicia comprises an arrangement of the appliances on the framework which indicates order of usage.